

# **Financial System Documentation – Flow & Table Relation (ERD)**

## **1. Diagram Alur Sistem (Flow Process)**

### Master Data Setup

Company, Vendor, Customer, Project, COA, Payment Terms, Bank

### Procure to Pay (P2P)

PO → GR/SE → AP Invoice → Payment

### Order to Cash (O2C)

Progress → AR Invoice → Receipt

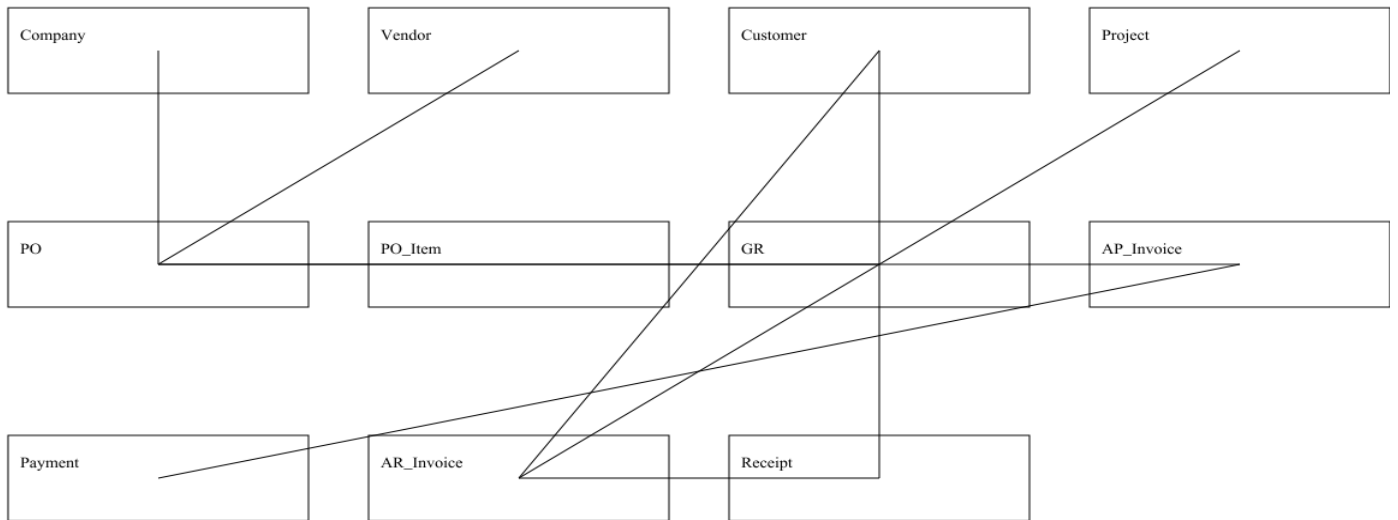
### General Ledger

Auto-posting AP/AR/Bank → GL

### Financial Close

Rekonsiliasi, GR/IR, Depresiasi, Trial Balance, Lock Period

## 2. Diagram Table Relation (ERD)



### Penjelasan Hubungan Antar Tabel

#### **Company → PO**

Setiap PO harus terikat dengan Company tertentu.

#### **Vendor → PO**

Vendor yang valid harus ada untuk membuat PO.

#### **PO → PO\_Item**

Satu PO dapat memiliki banyak item.

#### **PO\_Item → GR**

GR dibuat berdasarkan PO Item.

#### **PO → AP\_Invoice**

Invoice vendor harus mengacu pada PO.

#### **Vendor → AP\_Invoice**

Invoice harus memiliki vendor\_code yang valid.

#### **AP\_Invoice → Payment**

Pembayaran dilakukan atas invoice tertentu.

**Project → PO**

PO dapat terhubung ke project.

**Project → AR\_Invoice**

Billing customer berasal dari project yang berjalan.

**Customer → AR\_Invoice**

Invoice customer harus memiliki customer valid.

**AR\_Invoice → Receipt**

Receipt adalah bukti pembayaran atas AR tertentu.

**Customer → Receipt**

Receipt harus terhubung ke customer yang membayar.

### 3. Appendix: Daftar Entitas & Field Penting

#### ***Company***

- company\_code (PK)
- name
- currency

#### ***Vendor***

- vendor\_code (PK)
- name
- payment\_terms\_code (FK)

#### ***Customer***

- customer\_code (PK)
- name

#### ***Project***

- project\_code (PK)
- customer\_code (FK)
- retention\_pct

#### ***PO***

- po\_no (PK)
- vendor\_code (FK)
- company\_code (FK)
- project\_code (FK)

#### ***PO\_Item***

- item\_no (PK comp)
- po\_no (FK)

#### ***GR***

- grn\_no (PK)
- po\_no (FK)
- item\_no (FK)

#### ***AP\_Invoice***

- ap\_invoice\_no (PK)
- vendor\_code (FK)
- po\_no (FK)

#### ***Payment***

- payment\_no (PK)

- vendor\_code (FK)
- bank\_code (FK)

### ***AR\_Invoice***

- ar\_invoice\_no (PK)
- project\_code (FK)
- customer\_code (FK)

### ***Receipt***

- receipt\_no (PK)
- customer\_code (FK)
- ar\_invoice\_no (FK opt)